

ABSTRACT

An electronic digital pressure switch for detecting gas pressures features improved safety. The digital pressure switch that detects gas pressures and generates outputs has a housing provided with pinholes that allow a gas to pass therethrough. With this arrangement, even if a gas should leak into the housing, the leakage gas is let out through the pinholes. Thus, when the pressure of a flammable gas is detected, it is possible to eliminate the danger of an explosion caused by the flammable gas accumulating in the housing.